

ROZEN, B. YA.

(3)

6

Supersaturated solutions. E. I. Akhumov and B. Ya. Rozen (Machine Construction Inst., Leningrad Branch). *Zhur. Fiz. Khim.* 27, 1760-6 (1953); cf. C.A. 48, 4936f. —A math. discussion of supersatn. and supercooling of aq. solus. of salts. Values of soly. calcd. for stable and metastable equil. at various temps. for K_2SO_4 , $Th(SO_4)_4$, and $Na_2S_2O_8$ are given as examples.

J. W. Loweberg, Jr.

mf

ROZEN, B.Ya. [author].

"In the world of large molecules." B.IA.Rozen. Reviewed by E.K. Bum.prom.
28 no.7:32 J1 '53. (MLRA 6:7)

(Molecules) (Rozen, V.IA.)

KUDRYAVTSEV, B.A., professor [author]; ROZEN, B.Ya. [reviewer]

~~Outstanding Russian physicist and chemist~~ ("Vasilii Vladimirovich Petrov.")
Priroda 42 no.8:119-121 Ag '53. (MLRA 6:7)
(Petrov, Vasilii Vladimirovich)

ROZEN, B. Ya.

FD 186

USSR/Chemistry - Natural Salts

Card 1/1

Author : Akhumov, Ye. I., Cand Chem Sci, Docent; and Rozen, B. Ya., Cand Chem Sci, Docent, reviewers

Title : Manual of experimental data on the solubility of multicomponent aqueous salt systems

Periodical : Khim. prom. 3, p 62 (190), April-May 1954

Abstract : This is a review of the book Spravochnik Eksperimental'nykh Danykh po Rastvorimosti Mnogokomponentnykh Vodno-Solevykh System (Manual of Experimental Data on the Solubility of Multicomponent Aqueous Salt Systems) compiled by A. B. Zdanovskiy, Ye. I. Lyakhovskaya, and R. E. Shleyovich under the general editorship of V. M. Lekshteyn, M. G. Valyashko, and A. D. Pel'sh, Vol. 1, Trekhkomponentnyye Sistemy (3-Component Systems), Goskhimizdat, Leningrad, 1953, 672 pp.

Institution : All-Union Institute of Halurgy. (Authors of the book)

ROZEN, B.Ya., kandidat khimicheskikh nauk.

Trace elements in nature and their role in agriculture. Khim. v
shkole 9 no.3:9-16 My-Je '54. (MLBA 7:6)
(Agricultural chemistry) (Trace elements)

Rozen, B. Ya.

USSR/Chemistry - Periodic table

Card 1/1 Pub. 77 - 22/23

Authors : Rozen, B. Ya., Cand. Chem. Sci.

Title : New triumph of the great law

Periodical : Nauka i Zhizn' 21/10, 46-47, Oct 1954

Abstract : The author relates how elements were discovered, the existence of which was predicted on the basis of Mendeleyev's periodical table, and describes a new book, by V. I. Goldanskiy, entitled, "New Elements in the Periodic Table", which deals with nuclear physics and enables one to solve the problem of obtaining new elements artificially.

Institution : ...

Submitted : ...

USSR/Chemistry - History

Card 1/1 Pub. 147 - 21/25

Authors : Rozen, B. Ya.

Title : ~~From the history of Russian chemistry. The criticism of A. L. Potylitsin~~
From the history of Russian chemistry. The criticism of A. L. Potylitsin

Periodical : Zhur. fiz. khim. 28/10, 1854-1858, Oct-1954

Abstract : The numerous scientific works of A. L. Potylitsin (1845-1905) devoted to various problems of physical chemistry and their important role in the development of chemical science in Russia, are listed. Potylitsin is credited with proving that the Berthelot law is applicable only to a temperature of absolute zero and not as otherwise claimed by Bertholet. The greatest scientific contributions of Potylitsin in physical chemistry appear to be his famous investigations in the field of halide salts of different metals to which the Bertholet law is mostly applicable. Twenty-seven references: 20-USSR; 4-French; 1-USA and 2-German (1855-1952).

Institution :

Submitted : February 13, 1953

ROSEN, B. Ya.

USSR/Scientists - Chemistry

Card 1/1 : Pub. 86 - 33/36

Authors : Rosen, B. Ya., Cand. Chem. Sci.

Title : Book on an outstanding Russian chemist (A. E. Favorskiy)

Periodical : Priroda 43/8, 122-124, Aug 1954

Abstract : Review of book entitled Academician Alexis Yevgrafovich Favorskiy by M. F. Shostakovskiy, published by the State Publishing Office for Chemistry, 1953, 160 pages.

Institution : ...

Submitted : ...

ROZEN, B. YA.

✓ Recovery of [?]iodine from water in petroleum formations.
B. Ya. Rozen. *Izvest Akad. Nauk Turkmén. S.S.R.* 1955,
No. 1, pp. 8. Engineering calcs. are presented based on
the finding that the rate of I adsorption is a linear function
of the degree of satn. of the adsorbent used in the process.
The necessary exptl. data were detd. on waters from different
formations, and with activated birch charcoal, coal dust, and
peat as adsorbents. W. M. Sternberg

Rn mk

ROZEN, B.Ya.

Sulfite liquor as an important chemical raw material. Khim. v shkolo
(MIRA 8:4)

10 no.1:23-25 Ja-P '55.

(Sulfite liquor) (Neptunium)

RUZEN, D. Ya.

✓ Work of G. V. Strava [1849-1908] in the field of analytical chemistry. B. Ya. Rozen and A. I. Khrapkovskii. *Zavodskaya Lab.* 21: 878-8 (1955).—A bibliography of 11 references is included. G. M. Kosolapoff

①

ROZEN, B. Ya., kandidat khimicheskikh nauk

Fluoplastics. Nauka i zhizn' 22 no.6:49 Je '55. (MLRA 8:8)
(Plastics)

AKHUMOV, Ye.I.; ROZEN, B.Ya.

T.E.Lovits, founder of microcrystallo-optical analysis. Priroda
44 no.11:77-80 N '55. (MLRA 9:1)

(Lovits, Tsvii Egorovich, 1757-1804) (Crystallochemistry)

Poland/Chemistry of High Molecular Substances.

F

Abs Jour : Referat. Zhurnal Khimiya, No 6, 1957, 19455.

Author : B. Rozen.

Inst : ~~Warszawa~~

Title : In The World of Giant Molecules.

Orig Pub : Tlum. z. Ros. Warszawa, "Wiedza Powzechna", 1956,
267, 1 nlb. s., il., 9.20 zl.

Abstract : No abstract.

Card 1/1

-23-

ROZEN, B.Ya., kandidat khimicheskikh nauk.

Wood in place of metal. Khim.v shkole 11 no.2:27-28 Mr-Apr '56.
(Plastics) (MLRA 9:7)

AKHUMOV, Ye.I.; ROZEN, B.Ya.

"Handbook of experimental data on the solubility of multi-component water and salt systems. Vol.2. "Quaternary and higher systems" by I.M.Khentov, V.A.Kots, eds. Reviewed by E.I.Akhumov, B.IA.Rozen. Zhur.fiz.khim. 30 no.7:1681-1683 J1 '56.
(Salts, Soluble)(Khentov, I.M.)(Kots, V.A.) (MLBA 9:11)

ROZEN, B., kandidat khimicheskikh nauk.

Atomic power stations ("The use of atomic energy for power."

V. Romadin. Reviewed by B. Rozen). Voen.znan. 31 [i.e. 32]

no.4:31 Ap '56.

(MLRA 9:8)

(Atomic power industry) (Romadin, V.)

USSR/Electrochemistry

B-12

Abs Jour : Ref Zhur - Khimiya, No 8, 1957, 26305

Author : Ye.I. Akhumov, B.Ya. Rozen

Inst : Academy of Sciences of USSR

Title : Relation between Solution and Deposit Compositions at Electrical Deposition of Two-Component Alloys.

Orig Pub : Dokl. AN SSSR, 1956, 109, No 6, 1149-1151

Abstract : Studying the connection between the composition of the cathode precipitate and the electrolyte composition at the electrical deposition of two-component alloys, the authors started from the equation of the joint discharge of metal ions $\varphi_1 + \eta_1 = \varphi_2 + \eta_2$ (φ_1 and φ_2 are equilibrium potentials of the metals, η_1 and η_2 are their overcharges at separation). Using Tafel's formula and Faraday's law for the case of discharge of ions of the same valence, the equation $\log ([M_1]/[M_2]) = A + B \log ([M_1^{n+1}]/[M_2^{n+1}])$ was derived, in which M_1 and M_2 are the % by weight of the corresponding metals in the deposit, M_1^{n+1} and M_2^{n+1} are the concentrations of these metals in the solutions, and A and B are constants. The correctness of the proposed equation is confirmed by the example of the systems Cu - Zn, Cu - Sn, Sn - Zn and Ag - Cd.

Card : 1/1

Materials of Unlimited Possibilities (Cont.) Call Nr: None given

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AVAILABLE: Library of Congress

Card 2/2

ROZEN, Boris Yakovlevich; TRESKINA, T.N., red.; BYKOVA, G.N.,
tekhn.red.

[Northern salt] Severnaia sol'. Arkhangel'sk, Arkhangel'skoe
knizhnoe izd-vo, 1957. 133 p. (MIRA 13:4)
(Salt)

ROZEN, B. YA.

GAGENBAK, Karl [Hagenbeck, Carl]; ROZEN, B.Ya., [translator]; YURGENSON, P.B.,
doktor biologicheskikh nauk, redaktor; KUMKES, S.N., redaktor;
GASIKH, D.A., tekhnicheskii redaktor

[About animals and people] O zveriyakh i liudiakh. [Perevod B.Ya.
Rozena.] Moskva, Gos.izd-vo geogr.lit-ry, 1957. 190 p. (MLRA 10:10)
(Animals)

ROZEN, B.Ya., kand.khim.nauk; SHVARTS, L.M., arkhitektor.

Protecting structural components from corrosion. Bet.i zhel-bet.
no.7:298 J1 '57. (MIRA 10:11)

(Concrete--Corrosion)

ROZEN, B.Ya.(Leningrad)

Production of halogens and their compounds. Khim.v shkole 12
no.5:21-31 S-0 '57. (MIRA 10:10)

(Halogens)

ROZEN, B.Ya. KHRAPKOVSKIY, A.I.

Outstanding Russian chemist. Priroda 46 no.3:81-82 Mr '57.

(MLRA 10:3)

1. Vsesoyuznyy zaochnyy mashinostroitel'nyy institut (Leningrad)
(Menshutkin, Nikolai Aleksandrovich, 1842-1907)

AUTHORS: Akhumov, Ye. I., Rozen, B. Ya. (Leningrad) S07/76-32-9-22/46

TITLE: Empirical
/ Correlations in the Adsorption of Bromine and Iodine by Mineral Adsorbents in the Presence of the Chlorides and Sulfates of Sodium and Potassium (O zakonomernostyakh adsorbtsii broma i yoda mineral'nyimi adsorbentami v prisutstvii khloridov i sul'fatov natriya i kaliya)

PERIODICAL: Zhurnal fizicheskoy khimii, 1958, Vol 32, Nr 9, pp 2094 - 2096 (USSR)

ABSTRACT: The adsorption on silicagel, aluminium oxide (diaspor), aged aluminium oxide hydrate (hydrargyllite) and kaoline was examined; the salt concentration amounted to 0, 1, 3, 5, and 10 percent in weight, the temperature to 20° C. The adsorption, as usual, was determined by titration (Ref 3), the accuracy amounts to 2%. To put their results into a formula, the authors introduce the "relative adsorption" as a new quantity:

$$\alpha_n = \frac{a_n}{a_0} \quad (n \text{ quantity of salt in percent in weight, } a$$

Card 1/2 adsorption of halogen in mg halogen per g adsorbent). If

Empirical

/ **Correlations** in the Adsorption of Bromine and Iodine by SOV/76-32-9-22/46
Mineral Adsorbents in the Presence of the Chlorides and Sulfates of
Sodium and Potassium

one examines the dependence of the relative adsorption of
halogen in the presence of potassium salt ($\alpha_{K,n}$) from
the relative adsorption in the presence of sodium salt
($\alpha_{Na,n}$) the results are (Figures 1 and 2):

$$A = \frac{\alpha_{K,n} - 1}{\alpha_{Na,n} - 1} = \text{const.} \quad A \text{ is equal for bromine and}$$

iodine and is independent from the nature of the adsorbent.
There are 2 figures and 3 references, 2 of which are Soviet.

SUBMITTED: April 6, 1957

Card 2/2

ROZEN, B., kand.nauk, dots.

Adventures of a piece of glass ("Born from fire" by E. Andreev and
and IU. Andreev. Reviewed by B. Rozen). Znan. sila 33
no.4:43 Ap '58. (MIRA 11:5)
(Glass) (Andreev, E.)

ROZEN, B.Ya. (Leningrad)

Effective yield promoters ("Microelements in agriculture" by
M.I.A. Shkol'nik, N.A. Makarova. Reviewed by B.I.A. Rozen.) Priroda
47 no.10:122 0 '58. (MIRA 11:11)
(Trace elements) (Fertilizers and manures)
(Shkol'nik, M.I.A.) (Makarova, N.A.)

PHASE I BOOK EXPLOITATION SOV/4591

Rozen, Boris Yakovlevich, Candidate of Chemical Sciences

Udivitel'nyye materialy (Amazing Materials) Moscow, Izd-vo
"Znaniye," 1959. 85 p. 35,000 copies printed.

Sponsoring Agency: Vsesoyuznoye obshchestvo po rasprostran-
eniyu politicheskikh i nauchnykh znaniy.

Ed.: I. B. Faynboym; Tech. Ed.: Ye. V. Savchenko.

PURPOSE: This booklet is intended for the general reader
interested in plastics and synthetic materials.

COVERAGE: The booklet discusses synthetic materials used
in modern industry and in everyday life. The diverse
products made from plastics and synthetic fibers and
the composition of plastics and rubbers are described.
Recent achievements of chemical science in this field
are also discussed. No personalities are mentioned.
There are no references.

Card 1/3

ROZEN, Boris Yakovlevich; USHAKOV, S.N., retsenzent; BAL'YAN, Kh.V.,
kand.khim.nauk, retsenzent; CHERVOVA, M.S., red.; SMIRNOV, P.S.,
tekhn.red.

[Century of polymers] Vek polimerov. Leningrad, Lenizdat, 1959.
246 p. (MIRA 13:5)

1. Chlen-korrespondent AN SSSR (for Ushakov).
(Polymers)

ROZEN, Boris Yakovlevich; NIKOLAYEV, S.F., red.; FILIPPOVA, K.G.,
tekhn.red.

/[Secrets of lime] Tainy izvesti. Perm', Permskoe knizhnoe
izd-vo, 1960. 111 p. (MIRA 14:1)
(Lime)

ROZEN, Boris Yakovlevich; IVANOV, Ye.F., red.; SUBBOTINA, G.M., tekhn.red.

[Secrets of the black rock] Tainy chernogo kamnia. Novosibirsk,
Novosibirskoe knizhnoe izd-vo, 1960. 113 p. (MIRA 13:9)
(Coal)

ROZEN, B., kand.khim.nauk (Leningrad)

Blue iodine. Nauka i zhizn' 27 no.3:77-78 Mr '60.

(MIRA 13:6)

(Iodine--Therapeutic use)

ROZEN, B., kand.khim.nauk, dots.

Solar matter. Znan.sila 35 no.6:43 Je '60.
(Helium)

(MIRA 13:7)

ROZEN, Boris Yakovlevich; VERSHININ, T.I., red.

[Permian salt; the history of salt production in the
Kama Valley] Permianka; istoriia solianogo proizvodstva
v Prikam'e. Perm', Permskoe knizhnoe izd-vo, 1965. 124 p.
(MIRA 18:10)

AKHUMOV, Ye.I.; ROZEN, B.Ya.

Relation between the relative adsorption of bromine and iodine by mineral adsorbents from aqueous solutions in the presence of salts. Zhur. fiz. khim. 38 no.3:537-541 Mr '64.

(MIRA 17:7)

1. Leningradskiy elektrotekhnicheskiy institut imeni V.I. Ul'yanova (Lenina) i Severo-zapadnyy zaochnyy politekhnicheskiy institut.

LOZOVSKIY, M.R.; ROZEN, B.Ye.

Universal formula for the calculation of the solubility of gases
in mineral waters. Inform. sbor. NIIGA no.30:62-66 '62.

(MIRA 17:1)

ROZEN, Boris Yakovlevich; SHUSTOVA, I.B., red.

[Rare elements and heir uses] Redkie elementy i ikh pri-
menenie. Moskva, Izd-vo "Znanie," 1964. 103 p. (Narodnyi
universitet kul'tury: Estestvennonauchnyi fakul'tet, no.5)
(MIRA 17:6)

ROZEN, B.Ya., kand.khim.nauk (Leningrad)

Tale about fluorine. Priroda 53 no.1:122-123 '64.

(MIRA 17:2)

ROZEN, B.Ya. (Leningrad)

Ferrocenes, the new metalloorganic compounds. Khim.v shkole
18 no.2:93-94 Mr-Apr '63. (MIRA 16:4)
(Iron organic compounds)

ROZEN, Boris Yakovlevich; NEMCHINOV, V., red.; YEVGEN'YEV, G.,
tekhn. red.

[Amazing adventures of a log] Udivitel'nye priklucheniia
polena. Krasnoiarsk, Krasnoiarskoe knizhnoe izd-vo, 1962.
113 p. (MIRA 16:5)

(Wood chemistry)

ROZEN, B.Ya., kand.khim.nauk (Leningrad)

World building blocks ("Story of the discovery of the chemical
elements" by G.G.Diogenov. Reviewed by B.IA.Rozen). Priroda 50
no.7:120-121 J1 '61. (MIRA 14:6)

(Chemical elements)
(Diogenov, G.G.)

ROZEN, B.Ya., kand.khimicheskikh nauk

All-Union Conference on Physicochemical Analysis. Zav. lab. 27
no. 4:501-502 '61. (MIRA 14:4)
(Chemistry, Analytical—Congresses)

DAGIS, Z.S.; ROZEN, E.A., agronom

Attachment for chemical weed control in crop fields. Zashch.
rast. ot vred. i bol. 8 no.5:28-29 My '63. (MIRA 16:9)

1. Glavnyy inzh. sovkhoza "Molchanovskiy" (for Dagis). 2. Toms kaya
stantsiya zashchity rasteniy (for Rozen).
(Spraying and dusting equipment) (Weed control)

ROSEN, E.P.,
SAVONOVSKI, B. M., Bull. biol. med. exptl. URSS 3, 646-9
(1937)

1ST AND 2ND CROERS										3RD AND 4TH CROERS									
PROCESSES AND PROPERTIES INDEX																			
11 F 0a The effect of sex hormones on the quantity of erythrocytes and hemoglobin in the blood of fowl. B. M. Zavadovskii and E. P. Rozan (K. A. Timiryazev Biol. Museum, Moscow). <i>Izvest. Eksp. Biol. Med.</i> 13, No. 3/4, 26-30 (1942). Sexual dimorphism is seen in the number of erythrocytes in fowl blood, normal cocks having 47% more than capons or pullets. To det. the nature of this, young cocks, pullets, and adult birds were injected with sex hormones. Injection of folliculin resulted in great variation in blood counts of different birds or the same bird at different times, without regularity. Injection of androsterone or testosterone in pullets led to marked uniform increase in erythrocytes and hemoglobin, to the level of that in normal cocks; with young capons there was a temporary increase in these effects without lasting effect as in pullets. Injection of gonadostimulatory stallion serum or human placental blood had no effect on adult fowl, but markedly increased erythrocytes and hemoglobin in the blood of pullets or cockerels. The latter showed premature development of seminal vesicles, combs, and sperms. The effects on erythrocytes and hemoglobin are regarded as indirect, acting through influence on the sex glands, and not directly on the blood. K. Starr Chester																			
ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION																			
13000 BOMIRV										221131 GRC GNV 151									
13000 BOMIRV										221131 GRC GNV 151									

KWOCZYNSKI, Marian; ROZEN, Filip

Difficulties in diagnosis of preinvasive cancer of the vaginal part of the uterus. Gin. polska 28 no.5:579-584 Sept-Oct 56.

1. Z I Kliniki Poloznictwa i Chorob Kobietych AM we Wroclawiu
Kierownik: doc. dr. K. Nowosad, Z Wof. Poradni Onkologicznej
we Wroclawiu Kierownik: M. Kwoczynski, Dr. Marian Kwoczynski--
Wroclaw, Plac Staszica 42 m. 3.

(CERVIX NEOPLASMS, diagnosis
preinvasive cancer, difficulties (Pol))

USSR/Chemical Technology - Chemical Products and Their Application. Carbohydrates and Refinement, I-26

Abst Journal: Referat Zhur - Khimiya, No 19, 1956, 63487

Author: Rozen, G.

Institution: None

Title: Sugar Industry of the People's Republic of Bulgaria

Original

Periodical: Sakharnaya prom-st', 1956, No 2, 71-73

Abstract: None

Card 1/1

ROZEN. G.

Sugar industry of the Bulgarian People's Republic. Sakh.prom.30 no.2:
71-73 P '56. (Bulgaria--Sugar industry) (MLRA 9:7)

ROZEN, Georgiy Anatol'yevich; KALISHEVSKAYA, I., red.

[Tables for calculating the volume of earthwork under
engineering structures] Tablitsy podscheta ob'emov
zemliarykh rabot pod inzhenernye kommunikatsii. Kiev,
Budivel'nyk, 1965. 192 p. (MIRA 18:8)

ACC NR: AT7007355

(A)

SOURCE CODE: UR/0000/66/000/000/0204/0207

AUTHOR: Sergeyev, S. M.; Rozen, G. M.

ORG: None

TITLE: Mechanization of large-scale sheet stamping

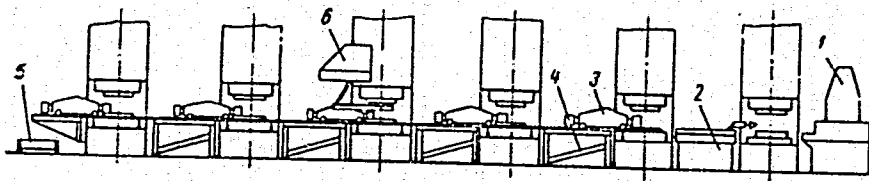
SOURCE: Soveshchaniye po avtomatizatsii protsessov mashinostroyeniya. 4th, 1964. Avtomatizatsiya protsessov svarki i obrabotki davleniyem (Automation of welding and pressure treatment processes); trudy soveshchaniya. Moscow, Izd-vo Nauka, 1966, 204-207

TOPIC TAGS: automotive industry, sheet metal; metal stamping, industrial automation

ABSTRACT: The authors describe an automatic production line for stamping truck body parts. The line consists of one double-action and five single-action presses interconnected by loading and unloading mechanisms and belt conveyors with a system for scrap removal. A schematic diagram of the line is shown in the figure. The line is set up so that the individual sections may be operated independently since the various body panels require different numbers of operations. For instance, the first three presses may be used for stamping the floor panel while the remaining units in the line are used for making other components. The line produces up to 360 parts per hour. The workpiece is fed from sheet stacker 1 into the drawing die. A mechanical arm in

Card 1/2

ACC NR: AT7007355



transporting manipulator 2 removes the workpiece from the first press and the manipulator then delivers it to the second press. Automatic stacker 3 positions the panel in the forming die on the second press and simultaneously removes the preceding part from the forming die, placing it on interoperational step transporter 4. This transporter delivers the workpiece to the third press and so on. After the last operation, the finished part is placed on belt conveyor 5 which delivers it to the assembly point. A special device 6 is used for removal of scrap remaining in the upper part of the die. The line is controlled from a central panel located on the first press. The system is recommended for large-scale production where retooling is no more frequent than 2-3 times per week although the use of mechanical arms, interoperational transporters and sheet stackers makes it practical even for smaller batches of parts. Orig. art. has: 1 figure.

SUB CODE: 13/ SUBM DATE: None

Card 2/2

LASHCHIVER, S.M.; SERGEYEV, S.M.; ROZEN, G.M.; YASHUNSKIY, R.G.

Automatic line for manufacturing the air brake reservoir of the
ZIL-130 automobile. Avt.prom. no.3:34-38 Mr '61. (MIRA 14:3)

1. Nauchno-issledovatel'skiy eksperimental'nyy institut avtotraktornogo
elektrooborudovaniya i priborov.

(Automobiles--Brakes) (Assembly-line methods)

SERGEYEV, S.M.; ROZEN, G.M.

Mechanization of large-sheet stamping. Avt. prom. 30
no.9:38-42 3 '64. (MIRA 17:10)

1. Nauchno-issledovatel'skiy institut tekhnologii avtomobil'noy
promyshlennosti.

SERGEYEV, S.M.; ROZEN, G.M.

Mechanization of large sheet stamping. Avt. prom. 30 no.10:38-42
0 '64. (MIRA 17:11)

1. Nauchno-issledovatel'skiy institut tekhnologii avtomobil'noy
promyshlennosti.

ROZEN, G.M.; LINKOV, G.M.; ROGOV, Yu.A.

Press sheet feeder used for the removal and setting of large dies.
Avt. prom. 27 no. 4:43 Ap '61. (MIRA 14:4)

1. Nauchno-issledovatel'skiy tekhnologicheskoy institut avtomobil'noy
promyshlennosti.

(Metalworking machinery)

ROZEN, G.Ya.

Production of natural rubber in African countries. Kauch. i rez.
22 no.11:28-32 N '63. (MIRA 17:2)

1. Vsesoyuznyy institut nauchno-tekhnicheskoy informatsii.

ROZEN, G. Ya.
ROZEN, G. Ya.

Problem of irrigation in India. Geog. v shkole 20 no. 6:57-60
N-D '57. (MIRA 10:12)
(India--Irrigation)

ROZEN, G.Ya.

Some data on the sugar industry abroad. Sakh. prom. 32 no.12:51-53
D '58. (MIRA 11:12)

(Sugar industry)

ROZAN, G.Ya.

Development of Albanian economy. Biul. tekhn.-ekon. inform. no.1:
81-83 '57. (MIRA 11:4)

(Albania--Economic conditions)

ROZEN, G.Ya.

Transportation in European People's Democracies in 1957. Biul.tekh.-
ekon.inform. no.7:79-81 '58. (MIRA 11:9)
(Europe, Eastern--Transportation)

ROZEN, G. Ye.

Sugar industry in the German Democratic Republic. Biul.tekh.-ekon.
inform. no.2:81 '58. (MIRA 11:4)
(Germany, East--Sugar industry)

COUNTRY : HUNGARY
 CATEGORY : Chemical Technology. Chemical Products and
 Their Uses. Part 3. Synthetic and Natural*
 ABS. JOUR. : RZKhim., No. 1 1960, No. 2134
 AUTHOR : ROZSA, P.
 INST. :
 TITLE : Quantitative Determination of Vitamin E₁ Based
 on the Content of Sulfur
 ORIG. PUB. : Acta pharmac. hung., 1959, 29, No 1, 1-5
 ABSTRACT : In the quantitative determination of S in
 aneurine hydrochloride (I) by the method of
 the Hungarian Pharmacopoeia V, the formation of
 volatile compounds or incomplete oxidation is
 possible. A method was developed and described
 concerning the decomposition of I in alkaline
 *Medicinal Substances. Galenicals and
 Medicinal Forms

CARD:

1/2

BOZEN, G.Ya..

Agriculture in European people's democracies in 1957. Biul.tekh.-
ekon.inform. no.6:76-81 '58. (MIRA 11:8)
(Europe, Eastern--Agriculture--Statistics)

ROZEN, G. Ya. (Moskva)

New studies on the improvement of soil structure. Priroda 45
no.5:88-90 My '56. (MLRA 9:8)

1. Gosgorkhimproyekt.
(Germany, East--Soil physics)

ROZEN, I.F.

New plastics fluoroplast-4 and fluoroplast-3. Med.prom. 11 no.7:
47-49 J1 '57. (MLRA 10:8)

1. Vsesoyuznyy nauchno-issledovatel'skiy khimiko-farmatsevticheskiy
institut imeni S.Ordzhonikidze
(PLASTICS) (ETHYLENE)

ROZEN, I.F.

15
Cold-setting acid-alkali compositions having a furan-resin
base. G. S. Petrov, R. Ya. Fiskina, G. Sh. Brodskii, Yu.
P. Aronson, and I. F. Rozen. U.S.S.R. 110,142, June 25,
1958. To prevent corrosiveness, Me chlorosulfonyl-
carbanilate is used as acidic hardening agent. M. Hosh

Distr: 4E4j/4E2c (j)/

6
2

NATRADZE, A.G., kand. tekhn. nauk; ARONSON, Yu.P.; ROZEN, I.F.; ROZANOVA, Yu.M.; ZOLOTNITSKIY, I.M., red.; KNAKNIN, M.T., tekhn. red.

[Protecting chemical apparatus from corrosion in pharmaceutical plants] Zashchita khimicheskoi apparatury ot korrozii v khimiko-farmatsevticheskoi promyshlennosti. Pod obshelei red. A.G. Natradze. Moskva, Gos. izd-vo med. lit-ry, 1958. 283 p.

(Drug industry)

(MIRA 11:9)

(Corrosion and anticorrosives)

(Protective coatings)

ARONSON, Yu.P.; ROZEN, I.F.

Improvement in the method of manufacturing heat-conducting protective
coatings for chemical apparatus. Khim. i med. no. 12:105-116 '59.
(MIRA 13:10)

(CHEMICAL APPARATUS) (GRAPHITE)

L 47363-65 EWT(1)

ACCESSION NR: AP5008756

S/0056/65/048/003/0952/0964

AUTHOR: Royzen, I. I.; Uayt, R. B. (White, R. B.); Chernavskiy, D. S.

TITLE: The Bethe-Salpeter equation and the role of "central" interactions

SOURCE: Zhurnal eksperimental'noy i teoreticheskoy fiziki, v. 48, no. 3, 1965, 952-964

TOPIC TAGS: inelastic amplitude, elastic amplitude, central interaction, peripheral interaction, Regge pole, complex orbital momentum, meson cluster

ABSTRACT: This is the first of a series of articles in which inelastic and elastic amplitudes for various processes are examined from a single point of view, keeping in mind that both central and peripheral processes contribute asymptotically constant terms to the cross section. It is shown in particular that the equation for the imaginary part of the amplitude and the equation for the total cross section follow from the Bethe Salpeter equation. In the total cross section, the integral term corresponds to the peripheral cross section and the free term to the central interaction cross section. A particular case of this equation is the multi-peripheral model. The equation for the partial waves in the t-channel makes it possible to use the formalism of the complex orbital momentum to determine those

Card 1/2

L 47363-65

ACCESSION NR: AP5008756

3

-plane singularities to which various assumptions regarding the nature of the inelastic processes correspond. A variant consistent with two-particle unitarity, in which the partial wave possesses a fixed pole, a moving pole, and a moving cut is considered within the framework of the Bethe-Salpeter equation. The variant corresponds to the case of asymptotically constant central and peripheral interaction cross sections. It can also be used to describe the production of many-meson groups (fireballs). "The authors are deeply grateful to Ye. L. Feynberg and D. A. Kirzhnits for interest in the work and valuable discussions." Orig. art. has: 1 figure and 37 formulas.

ASSOCIATION: Fizicheskiy institut im. P. N. Lebedeva Akademii nauk SSSR (Physics Institute, Academy of Sciences SSSR)

SUBMITTED: 07Oct64

ENCL: 00

SUB CODE: NP

NR REF SOV: 010

OTHER: 006

Card 2/2 CC

TSUKERMAN, I.Kh.; ROZEN, I.S.

Determining the utilization range of a constant speed regulator.
Izv. vys. ucheb. zav.; prib. 8 no.3:64-69 '69. (MIRA 18:11)

1. Leningradskiy elektrotekhnicheskii institut imeni Ul'yanova
(Lenina). Rekomendovana kafedroy avtomatiki i telemekhaniki.

PETROVSKIY, Yu.V., kand.tekhn.nauk; FASTOVSKIY, V.P., doktor khim.nauk,
prof.; ROYZEN, L.I., inzh.

Possibility for the use of plate-type finned heat exchangers in
air-fractionating apparatus. Khim.mashinostr. no.5:8-12 S-0
'63. (MIRA 16:10)

ROZEN, Kh.; KHRSHCHONOVICH, V.G.

Isaak Grigor'evich Beilin; 1883-1965; an obituary. Biul. MOIP
Otd. biol. 70 no. 6:150-153 N-D '65 (MIRA 19:1)

L 45249-66 JK

ACC NR: AF6033593

SOURCE CODE: RU/0023/65/010/004/0365/0371

AUTHOR: Rozen, Maria (Doctor); Iuga, Monica--Yuga, M. (Doctor); Panescu, Felicia--
Penesku, F. (Doctor) ¹⁰_B

ORG: M.T.Tc. Polyclinic, Ploiesti (Policlinica M.T.Tc.); "16 February" Kindergarten,
Ploiesti (Gradinita de copii "16 Februarie")

TITLE: Clinical aspects of eruptive diseases of undetermined etiology occurring
during a measles epidemic

SOURCE: Microbiologia, parazitologia si epidemiologia, v. 10, no. 4, 1965, 365-371

TOPIC TAGS: clinical medicine, infective disease, epidemiology

ABSTRACT: A description of some unusual, atypical clinical features observed in 344
cases during a measles epidemic. The authors suggest as probable a clinical diagnosis
of infectious erythema, based on the characteristics of the eruption (polymorphism,
symmetry, lability and topography) as well as on the fact that 38 children had a
typical measles attack during convalescence and 63 others had had it previously.
Orig. art. has: 2 figures. [Based on authors' Eng. abst.] [JPRS: 32,913]

SUB CODE: 06 / SUBM DATE: 13May64 / ORIG REF: 003 / OTH REF: 006

Card 1/1 *tdh*

UDC: 616.915-036.22-079.4:616.91

ROZEN, Maria, dr.; IUGA, Monica, dr.; PANESCU, Felicia, dr.

Clinical aspects of eruptive diseases with non-specific etiology
appearing at the time of a measles epidemic. Microbiologia (Bucur.)
10 no.4:365-371 J1-Ag '65.

1. Lucrare efectuata in Policlinica M.T. Tc. si Gradinita de copii
"16 Februarie", Ploiesti.

VEYHGARTEN, A.; LEBEDEV, K.; LIBERMAN, E.; REMIZOVA, Ye.; ROZEN, M.
SOKOLOV, N.

Experiment in making stainless steel propellers. Mor.flot 16
no.2:24-26 F '56. (MLRA 9:5)

1. TSentral'nyy nauchno-issledovatel'skiy institut Ministerstva
sudostroitel'noy promyshlennosti.
(Propellers)

ROZEN, M., SOKOLOV, N., VEYNGARTEN, A., LEBEDEV, K., LIBERMAN, E., REMIZOVA, YE.

"Experience in Making Propellers from Stainless Steel," Morskoy Flot, no. 2, pp. 24-26, 1956

Translation M-1191, 27 Jul 56

ROZEN, M.F.

Large community of bats in one of the caverns of the Altai. Priroda 42
no.9:118-119 S '53. (MLR 6:8)
(Altai Mountain Region--Bats) (Bats--Altai Mountain Region)

Rozen, M. F.

USSR/ Miscellaneous - Archeology

Card 1/1 Pub. 86 - 25/36

Authors : Rozen, M. F.

Title : Ancient human habitations in caves of the Altai Mountains

Periodical : Priroda 2, 112-114, Feb 1954

Abstract : The discovery, in the summer of 1951, of numerous traces of ancient human dwellings in the caves of the Altai Mountains is announced. Archeological data pertaining to the findings are included. One USSR reference (1948). Drawings.

Institution :

Submitted :

ROZEN, M.F.

Unconsolidated deposits and the history of relief formation of the
western Altai. Izv. Vses.geog.ob-va 88 no.3:251-261 My-Je '56.
(Altai Mountains--Geology) (MIRA 9:9)

DOVER, M.F.

What is known about the geography of the Gornyy Altai.
Izv. Alt. otd. Geog. ob-va SSSR no.1:21-33 '61.

V.V. Sapozhnikov, prominent explorer of the Altai. Ibid.:81-83
(MIRA 17:5)

ROZEN, M.F.

New colloidal formations in river alluvium and rock fractures.
Zap. Vses. min. ob-va 93 no.3:370-372 '64.

(MIRA 18:3)

ROZEN, M.F.

Study of relief formation and the Cenozoic history of the Altai.
Izv. Alt. otd. Geog. ob-va SSSR no.5:91-93 '65.

(MIRA 18:12)

1. Geograficheskoye obshchestvo Soyuza SSR.

SOLOV, Nikolay Nikolayevich; ROZEN, Moisey Leyzerovich; IVANOV, A.A.,
nauchnyy red.; KAZAROV, Yu.S., red.; ERASTOVA, N.V., tekhn.red.

[Screw propellers made of stainless steel] Grebnye vinty iz
nerzhavetushchei stali. Leningrad, Gos.soiuznoe izd-vo sudo-
stroit.promyshl., 1960. 124 p. (MIRA 13:10)
(Propellers) (Steel, Stainless)

Bozen, O.

USSR /Chemical Technology. Chemical Products
and Their Application

I-12

Silicates. Glass. Ceramics. Binders.

Abs Jour: Referat Zhur - Khimiya, No 9, 1957, 31680

Author : Bozen O.

Title : Improving the Quality of Soft Roofing

Orig Pub: Stroit. materialy, izdeliya i konstruktsii, 1956,
No 4, 7-10

Abstract: The following measures aimed at improvement of
the quality of soft roofing, are considered:
increasing the absorption power of cardboard
by the use of special additives and proper mill-
ing of the batch; improving impregnation by in-
creasing the viscosity of impregnating composi-
tions and incorporating special wetting agents

Card 1/2

21(4)

SOV/112-59-2-3388

Translation from: Referativnyy zhurnal. Elektrotehnika, 1959, Nr 2, p 166 (USSR)

AUTHOR: Rozen, O., Sukhova, L., Kheyker, D., and Favorskaya, N.

TITLE: Using Radioactive Isotopes for Quality Control of Roll-Strip Materials
(Primeneniye radioaktivnykh izotopov dlya kontrolya kachestva rulonnykh materialov)

PERIODICAL: Stroit. materialy, 1958, Nr 3, pp 34-35

ABSTRACT: VNIAsbesttsement has used methods which permit continuously controlling average weight and thickness of a moving cardboard or pergamin strip and, consequently, its density or porosity. The weight has been determined by a contactless instrument designed by A. N. Slatinskiy (its scheme is presented) which depends on absorption of beta-rays by the material; Te^{204} is used as a source, an ionization chamber as a detector. The strip thickness is determined by an inductance primary element. The strip passes between two rolls, one of which is movable; the latter is displaced by thickness

Card 1/2

SOV/112-59-2-3388

Using Radioactive Isotopes for Quality Control of Roll-Strip Materials

variations and moves a primary-element core; this results in an output voltage across the primary element which linearly depends on the displacement value. The contactless weight-determining instrument is calibrated by cigarette-paper standards in the range of 220-970 g/m². A table giving the instrument checking data and a plot of porosity against water absorption in per cent are presented. This outfit for continuous material-porosity control is being adopted at the Leningrad "Kartontol'" and Odessa Roofing-Felt Factories. Two illustrations.

M. L. G.

Card 2/2

Country	: USSR
Category	: Human and Animal Physiology, Sensory Organs
Abc. Jour.	: Ref Zhur Biol, No. 2, 1959, No. 5834
Author	: Chernyak R.I., Tumarkina L., Rozen O.
Institut.	: AS USSR
Title	: An Examination of the Variability in Human Auditory Thresholds with a Strong Sound Stimulus of Varying Duration.
Orig. Pub.	: V sb.: Vospriyatiye svukovykh signalov v razlich. akust. usloviyakh. M., AN SSSR, 1956, 92--101
Abstract	: The experiments (110) were performed on 10 healthy subjects between 20 and 25 years of age. By determining several times a minute the auditory threshold (in the 100--7000 cycle range), the differences between extreme values of threshold were established. The determination was performed before and 4--6 times during production of a wide-field noise of 120 decibels. In a second series of experiments thresholds were determined for the five-minute period immediately following cessation of the noise, which lasted from 10 to 60 minutes. In the
Card:	1/2

ROZEN, O., kand. tekhn. nauk; SUKHOVA, L., kand. tekhn. nauk; KHEYKER, D.,
Inzh.; FAVORSKAYA, N., tekhnik.

Use of radioactive isotopes for controlling quality of roofing
materials. Stroi. mat. 4 no.3:34-35 Mr '58. (MIRA 11:3)
(Radioisotopes--Industrial applications)
(Roofing)

ROZEN, O., kandidat tekhnicheskikh nauk.

Organize the production of linoleum on a pergamyn base. Stroi.
mat.3 no.9:24-25 S '57. (MIRA 10:10)

(Linoleum)

1ST AND 2ND COPIES

PROPERTY AND PROPERTIES INDEX

22

CA

Viscosity of bituminous impregnating materials. O. H. Rosen. *Strvitet. Material*, 1936, No. 7, 35-40.—The viscosity of Baku and Grozny oily bitumens, which is high at low temps., decreases abruptly in the interval 110-40°; at higher temp., the rate of fall decreases and at 210° it practically ceases. The optimal temp. for impregnation is 110-40°.

R. E. Stefanowsky

22

ASR SLA METALLURGICAL LITERATURE CLASSIFICATION

SIGNATURE										EDITION										EDITION									
NUMBER										NUMBER										NUMBER									
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z AA AB AC AD AE AF AG AH AI AJ AK AL AM AN AO AP AQ AR AS AT AU AV AW AX AY AZ BA BB BC BD BE BF BG BH BI BJ BK BL BM BN BO BP BQ BR BS BT BU BV BW BX BY BZ CA CB CC CD CE CF CG CH CI CJ CK CL CM CN CO CP CQ CR CS CT CU CV CW CX CY CZ DA DB DC DE DF DG DH DI DJ DK DL DM DN DO DP DQ DR DS DT DU DV DW DX DY DZ EA EB EC ED EE EF EG EH EI EJ EK EL EM EN EO EP EQ ER ES ET EU EV EW EX EY EZ FA FB FC FD FE FF FG FH FI FJ FK FL FM FN FO FP FQ FR FS FT FU FV FW FX FY FZ GA GB GC GD GE GF GH GI GJ GK GL GM GN GO GP GQ GR GS GT GU GV GW GX GY GZ HA HB HC HD HE HF HG HH HI HJ HK HL HM HN HO HP HQ HR HS HT HU HV HW HX HY HZ IA IB IC ID IE IF IG IH II IJ IK IL IM IN IO IP IQ IR IS IT IU IV IW IX IY IZ JA JB JC JD JE JF JG JH JI JJ JK JL JM JN JO JP JQ JR JS JT JU JV JW JX JY JZ KA KB KC KD KE KF KG KH KI KJ KL KM KN KO KP KQ KR KS KT KU KV KW KX KY KZ LA LB LC LD LE LF LG LH LI LJ LK LM LN LO LP LQ LR LS LT LU LV LW LX LY LZ MA MB MC MD ME MF MG MH MI MJ MK ML MN MO MP MQ MR MS MT MU MV MW MX MY MZ NA NB NC ND NE NF NG NH NI NJ NK NL NO NP NQ NR NS NT NU NV NW NX NY NZ OA OB OC OD OE OF OG OH OI OJ OK OL OM ON OO OP OQ OR OS OT OU OV OW OX OY OZ PA PB PC PD PE PF PG PH PI PJ PK PL PM PN PO PP PQ PR PS PT PU PV PW PX PY PZ QA QB QC QD QE QF QG QH QI QJ QK QL QM QN QO QP QQ QR QS QT QU QV QW QX QY QZ RA RB RC RD RE RF RG RH RI RJ RK RL RM RN RO RP RQ RR RS RT RU RV RW RX RY RZ SA SB SC SD SE SF SG SH SI SJ SK SL SM SN SO SP SQ SR SS ST SU SV SW SX SY SZ TA TB TC TD TE TF TG TH TI TJ TK TL TM TN TO TP TQ TR TS TT TU TV TW TX TY TZ UA UB UC UD UE UF UG UH UI UJ UK UL UM UN UO UP UQ UR US UT UU UV UW UX UY UZ VA VB VC VD VE VF VG VH VI VJ VK VL VM VN VO VP VQ VR VS VT VU VW VX VY VZ WA WB WC WD WE WF WG WH WI WJ WK WL WM WN WO WP WQ WR WS WT WU WV WW WX WY WZ XA XB XC XD XE XF XG XH XI XJ XK XL XM XN XO XP XQ XR XS XT XU XV XW XX XY XZ YA YB YC YD YE YF YG YH YI YJ YK YL YM YN YO YP YQ YR YS YT YU YV YW YX YY YZ ZA ZB ZC ZD ZE ZF ZG ZH ZI ZJ ZK ZL ZM ZN ZO ZP ZQ ZR ZS ZT ZU ZV ZW ZX ZY ZZ

137 AND 138 ORDERS

PROCESSES AND PROPERTIES INDEX

139 AND 140 ORDERS

CA

20

The substitution of coal-tar pitch for the adhesive material used for composition roofing. O. B. Kucen. *Stroud. Materialy* 1937, No. 12, 30-42; *Chem. Zentr.* 1939, I, 1491. —After pointing out the much lower C content and the far greater ductility of coal-tar pitch as compared to the bituminous adhesive materials usually used for compn. roofing, R. recommends the use of the pitch for luting the seams of such roofing.

M. G. Moore

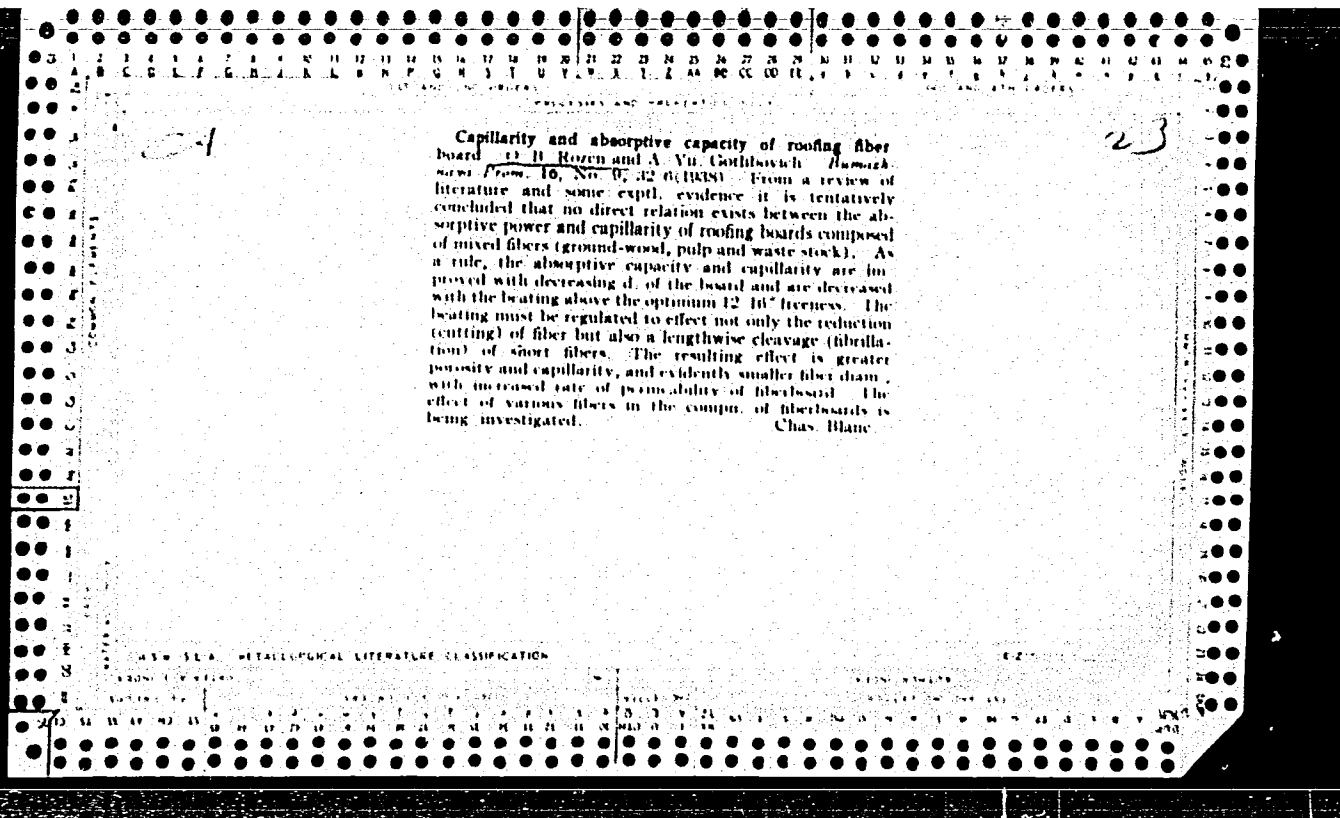
ASB-5LA METALLURGICAL LITERATURE CLASSIFICATION

SECTION DIVISION

SECTION

RELATION

RELATION



(1ST AND 2ND ORDERS)										PROCESS AND PROPERTIES INDEX										3RD AND 4TH ORDERS									
CA 22 The properties and atmospheric stability of petroleum bitumens. O. B. Rozen. <i>Prom. Stroitel. Material</i>, 1939, No. 2-3, 67-9; <i>Khim. Referat. Zhur.</i> 1940, No. 6, 111. Specimens of petroleum bitumens from the Baku (2, 3 and 5), Istum, Gorkh and Gruzyl plants were investigated. The physical-mech. properties of bitumens, the composition, the contents of paraffin and the resistance to weather were determined. The changes of the properties of bitumens up to 210°, the ductility and the penetration at 15-35° were investigated in detail. There are considerable variations and disagreements in the results in the properties of bitumens of the same grade bitumens and even of bitumens from the same plants. W. R. Henn																													
ASB-5LA METALLURGICAL LITERATURE CLASSIFICATION																													
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ROZIN, O. B.

25663 ROZIN, O. B. Osnovnye printsipy podbora goryachikh
vostik dlya krouel'v i polou. Sbornik trudov (Nauch.-issled. in-t
po stroit-vu), I. 1949, s. 84-102--Bibliogr: 5 nazv.

So: Letopis' Zhurnal'nykh Statey, Vol 34, Moskva, 1949

3344 ROZEN, O. B.

Osnovnye Kachestvennyye pokazateli rulonnykh krovel'nykh materialov, opredelyayushchi kh ikh dolgovechnost. M., Promstroy izdat, 1954. 36 S. S ill. 22 sm. (M.vo Lrom-sti stroit, materialov S.S.S.R. Tekhn. Sovet i Tekhn upr. Tsentr. Byuro tekhn. informatsii Inform. Soobshcheniya) 500 ekz. Bespl. Avt. ukazan na oboroge Tit. L. (54-57772 691.16 + 695.14

DANTSIN, Matvey Isaakovich; ROZEN, O.B., kand. tekhn. nauk,
nauchn. red.;

[Heat-and-sound-insulating linoleum] Teplozvukoizo-
liatsionnyi linoleum. Moskva, Stroiizdat, 1964. 150 p.
(MIRA 17:6)

YEL'CHIN, B.M., kand. ekon. nauk; ROZEN, O.B., kand. tekhn. nauk;
GUZMAN, M.A., red. izd-va; BOROVNEV, N.K., tekhn. red.

[Bituminous roofing and waterproofing materials industry]
Promyshlennost' bituminoznykh krovel'nykh i gidroizoliatsionnykh
materialov; sostoianie i perspektivy razvitiia. Moskva, Gos-
stroizdat, 1963. 186 p. (MIRA 16:5)
(Roofing, Bituminous) (Waterproofing)

GOLUBOVICH, Aleksandr Andreyevich, inzh.; YERUSALIMCHIK, Abram Meyerovich, inzh.; ZHARENOV, Andrey Sergeyevich, inzh.; ROZEN, O.B., kand. tekhn. nauk, nauchn. red.; SOKOL'SKIY, I.F., red. izd-va; OSENKO, L.M., tekhn. red.

[The technology of bituminous roofing materials] Tekhnologiya bituminoz-nykh krovel'nykh materialov. Moskva, Gos. izd-vo lit-ry po stroit., arkhitekt. i stroit. materialam, 1961. 373 p. (MIRA 14:11)
(Roofing, Bituminous)